This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claim 1. (Currently Amended) A method of manufacturing a plurality of encapsulated interconnected vials with a mold having a first member having attached thereto a plurality of core pins and wherein the method comprises:

-forming a plurality of cavity profiles linked together by a plurality of arms by contracting a first slide and a second slide from an extended position to a contracted position;

-inserting the plurality of core pins on said first member into said plurality of cavity profiles so that said plurality of core pins are free standing;

-injecting a plastic fluid about said plurality of core pins to form a plurality of interconnected vials;

-removing the plurality of interconnected vials from the mold;

-positioning the plurality of interconnected vials into a holder tray;

-placing a liquid into the plurality of interconnected vials;

-heat sealing an open end of the plurality of interconnected vials so that each of the plurality of interconnected vials forms a closed container that encapsulates the liquid, and wherein the step of heat sealing includes:

-clamping the plurality of interconnected vials into a heat sealing device;

-applying heat to the heat sealing device;

-measuring the temperature of the applied heat;

-measuring the time heat is applied to said heat sealing device.

Claim 2. (Canceled)

Claim 3. (Previously Amended) The method of claim 1, further comprising:

-terminating the heat applied to a first arm of said heating sealing device after a predetermined time;

-unclasping the first arm from a second arm of said heating sealing device;

-removing the plurality of interconnected vials from said holder.

Claim 4. (Original) The method of claim 3 wherein the liquid comprises a medicine and wherein the step of placing the liquid into the plurality of interconnected vials includes measuring a predetermined amount of medicine and injecting the predetermined amount of the medicine into the plurality of interconnected vials.

Claim 5. (Previously amended) The method of claim 1, wherein the step of heat sealing further includes:

-setting a predetermined maximum temperature;

-exceeding the predetermined maximum temperature;

-terminating the heat applied after exceeding the predetermined maximum temperature.

Claim 6. (Currently Amended) A method of molding a plurality of interconnected vials with a mold, said mold comprising a first member having a first end and a second end~~, including an opening defined within said first end~~; a manifold member operatively attached to said second end of said first member for channeling a plastic fluid to an insert means and said insert means containing a first slide and a second slide, with said first slide and said second slide having an extended position and a contracted position; a second member having a first end and a second end, and wherein said first end of said second member has attached thereto a plurality of core

pins contained therein; the method comprising:

-heating a plastic so that the plastic is fluidized;

-injecting the plastic fluid into the manifold;

-contacting ~~moving said piston so that said first end of~~ said second member ~~contacts~~ with said first slide and said second slide;

-injecting the plastic fluid through said first member;

-contracting said first slide and said second slide;

-forming a plurality of cavity profiles within said contracted first slide and said second slide and wherein said plurality of cavity profiles are in communication forming a plurality of arm contours;

-placing said plurality of core pins into said plurality of cavity profiles so that said plurality of core pins are free standing within said plurality of cavity profiles;

-injecting the plastic fluid into said plurality of cavity profiles and into said plurality of arm contours interconnected together via a plurality of arms;

-allowing the first slide and second slide to expand;

-ejecting the plurality of interconnected vials ~~from the plurality of core pins~~;

-placing the plurality of interconnected vials into a vial holder tray;

-placing a medicine within an open end of said plurality of interconnected vials;

-placing the open end of said plurality of interconnected vials within a heat sealer device;

-clamping said plurality of interconnected vials within said heat sealer device;

-applying heat to said heat sealer device.

Claim 7. (Canceled)

Claim 8. (Previously Amended) The method of claim 6, wherein the step of applying heat further comprises:

-measuring the amount of heat applied to a first arm of said heat sealer device;

-measuring the time the heat is applied to said first arm;

-terminating the heat after a predetermined amount of time has expired.

Claim 9. (Previously Amended) The method of claim 8 further comprising:

-unclasping said first arm from a second arm of said heat sealer device;

-removing said plurality of interconnected vials from the vial holder tray;

-separating said plurality of interconnected vials.

Claim 10. (Original) The method of claim 9 wherein the medicine is a liquid and the step of placing the liquid into the plurality of interconnected vials includes measuring a predetermined amount of liquid and injecting the liquid into the open end of the plurality of interconnected vials.

Claim 11. (Original) The method of claim 10 wherein said first member further comprises a plurality of cast heaters operatively associated with said first slide and said second slide, and wherein the step of maintaining the plastic fluid at a constant temperature comprises:

-heating the plastic fluid with said cast heaters;

-and wherein the step of channeling the plastic fluid through said first member and into said insert means includes flowing the plastic fluid through said cast heater so that the plastic fluid is maintained at a constant temperature.

Claim 12. (Original) The method of claim 11 wherein the step of channeling the water stream through said mold comprises:

-introducing a first water stream into said first slide;

-introducing the first water stream into said second slide;

-circulating the first water stream within said first slide and said second slide;

-exiting the first water stream from said first slide and said second slide.

Claim 13. (Original) The method of claim 12 wherein the step of channeling the water stream through said mold further comprises:

-introducing a second water stream into said plurality of core pins;

-circulating the second water stream within said plurality of core pins;

-exiting the second water stream from said plurality of core pins.

Claim 14. (Original) The method of claim 13 wherein the step of maintaining the plastic fluid within said manifold at a constant temperature further comprises:

-measuring the temperature of said plastic fluid within said manifold;

-adjusting the temperature of said heater in order to maintain the plastic fluidity.

Claim 15. (Original) The method of claim 14 wherein the plastic fluid is a metallocene resin.

Claim 16. (Previously Amended) A method of producing a plurality of interconnected vials in a mold, the mold comprising a first member having a first end and a second end, including an opening defined within said first end; a manifold member operatively attached to said second end of said first member for channeling a plastic fluid to a first slide and a second slide positioned within the opening, with said first slide and said second slide having an extended position and a contracted position; a second member having a first end and a second end, and

wherein said first end of said second member contains a plurality of core pins contained therein; an ejector plate selectively attachable to said second member, said plurality of core pins being disposed therethrough; and, a piston adapted to said second end of said second member for reciprocating said second member into engagement with said first slide and said second slide, the method comprising:

-heating a plastic so that a plastic fluid is formed;

-injecting the plastic fluid through said first member and into said first slide and said second slide;

-moving said piston so that said second member contacts said first slide and said second slide;

-contracting said first slide and said second slide so that said contracted first slide and said second slide form a plurality of cavity profiles and wherein said plurality of cavities are linked together by a plurality of arms, said cavity profiles having a first end and a second end, with the first end containing a wing tip contour, and the second end being opened;

-placing said plurality of core pins into said plurality of cavity profiles and wherein said plurality of core pins are in a free standing arrangement within said cavity profiles;

-injecting the plastic fluid into said cavity profiles;

-injecting the plastic fluid about said plurality of core pins so that the plasticize fluid is disposed about said core pin so that the plurality of interconnected vials are formed;

-reciprocating the piston away from the first end of said first member;

-allowing the first slide and second slide to expand;

-reciprocating the piston so that the ejector plate axially traverses the plurality of core pins;

-ejecting the plurality of interconnected vials from the plurality of core pins, and wherein the plurality of interconnected vials comprises a first end that is closed and a second

end that is opened;

-placing said plurality of interconnected vials within a holder tray;

-placing a flowable compound within said plurality of interconnected vials;

-placing the open end of said plurality of interconnected vials within a heat sealer device, said heat sealer device comprising a first arm and a second arm;

-clamping said plurality of interconnected vials within said first arm and second arm;

-applying heat to said first arm.

Claim 17. (Previously Amended) The method of claim 16 wherein the step of applying heat further comprises:

-measuring the amount of heat applied;

-measuring the time the heat is applied;

-terminating the heat after a predetermined amount of time has expired.

Claim 18. (Original) The method of claim 17 further comprising:

-unclasping said first arm from said second arm;

-removing said plurality of interconnected vials from the vial holder tray;

-separating said plurality of interconnected vials.

Claim 19. (Previously Amended) The method of claim 18 wherein the flowable compound is a liquid and the step of placing the liquid into the plurality of interconnected vials includes measuring a predetermined amount of liquid and injecting the liquid into the open end of the plurality of interconnected vials.